Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. 1st & Final Bill Date.....2018

Zone:**BBMP,Yelahanka** Division:**BBMP, Byatarayanapura** Sub-Division:**BBMP, Kodigehalli**

Bill Received No. Dated Divisional / Sub-Divisional Cash Book Voucher No.....Dated.....

Job Code: 007-18-000005

Schedule Docket No. Head of Account: P2652 Est.Cost: Rs.50.00 Lakhs D.R.NO.:

Name of Work : Establishment of RO Plant and Providing play Equipments and open gym equipments in Jakkur layout in Ward No 07, Byatarayanapura Kodigehalli Sub Division

Name of Contractor and Full Address: Executive Engineer , K.R.I.D.L, #280, 59th Cross Road, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-10

Reference to Agreement No. BBMP/EE/BTP/WO/92/2017-18 Date: 02.03.2018

Certified that the measurements were taken by me on: 21/12/18 and recorded of Pages **496234** to **496250** of measurement Book No. **4963/2018-19** and that work is satisfactorily executed.

Assistant Executive Engineer
Byatarayanapura Sub Division
KRIDL, BBMP, Bangalore

Contractor

21/12/18

Officer-in-charge of work

Certified that measurement were taken by me on ____/2018 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Accont have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer
Sub-Division Officer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

		Amount
1) Total value of work done or supplies made as per account within		Total 49,65,130-00
2) Deduct amount to be held in reserve being.....Percent Rs.....		IT 99303-00
3) " Balance		CW - 4965-00
4) Deduct Payment:		CBF - 4965-00
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No..... adjusted towards cash advance recovery of		LR - 3800-00
b) Payments cost store or other material supplied.		FSD - 248257.00
Now made recovery of amount creditable to this /other work		CGST - 44332-00
Amount paid on this bill Cheque/Cash.		SGST - 44332-00
5) Balance being unpaid value of work done held in reserve.		Fine - 3224.00
6) Deduct cash advance made on the Office cash Book Voucher No..... dated .....less adjustments.		
7) Net amount due to or from Contractor unadjustments items.		
8) Advance to Contractor for materials brought to site (as detailed) within		
9) Value of Government materials supplied.		Total amount adjusted 497864-00

Contractor's Signature

Cheque: 4467,266-00

Received Rs.....(in words).....
.....
by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

Assistant Executive Engineer
Byatarayanapura Sub Division
KRIDL, BBMP, Bangalore

(For use in the Office)

Witness
1
2

Dated Signature of Contractor

Stamp

Paid by me by Cheque No. Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

Assistant Executive Engineer
Byatarayanapura Sub Division
KRIDL, BBMP, Bangalore

ಮೊತ್ತ ರೂ 4965130-00

ಮುಂಗಡವಾಗಿ ಪಾವತಿಸಿಕೊಂಡು ಉಳಿದ ಮೊತ್ತ ರೂ 497864-00
4467266-00

Rs. Forty four lakh, Sixty Seven thousand two hundred Sixty Six only.

ಮೇಲ್ಕಾಣಿಸಿದ ಮೊತ್ತವನ್ನು ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ಲೆಕ್ಕಾಧೀಕ್ಷಕರು

18/01

Executive Engineer

Sl. No.	Items grouped under sub-Heads and Sub-Works of the Estimate Description	Unit
1	KSRRB 300-1. Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.. Pg No.141.Item No.19.1)	Cum
2	KSRB 4-1.3 : Providing and laying in position **plain cement concrete of mix 1:4:8** with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation**, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum
3	KSRB 4-1.6 ; Providing and laying in position **plain cement concrete of mix 1:2:4** with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation, plinth and cills**, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. **Page No.12, Item No. 4.6 PWD SR 2016-17**	Cum
4	Providing and fixing open gym euipments and children play equipments in Amruthalli.,	Nos
5	TMP 013 WONDER PLAY	Nos
6	Combination Multi 8-IN-1	Nos
7	Combination Multi 8-IN-1	Nos
	Add 18% Gst For Items 5,6 and 7	
9	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1, No. 5 / Item No. 2.1	Cum
10	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. No. 12 / Item No. 4.3 /	Cum
11	KSRB 5.2.3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 23 / Item No. 5.6 /	Cum
12	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 23 / Item No. 5.9 /	Cum
13	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications **Page No. 113 / Item No. 15.1, PWD SR 2016-17**	Sqm
14	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications, specification. No. KBS 2.9, **Page No. 6 / Item No. 2.10 / PWD SR 2016-17**	Sqm

Previous Measurement		Present Measurement			Total Upto Date	
Qty	Rate Rs. P.	Qty	Rate Rs. P.	Amount	Qty	Cost
-	-	290.96 295.44	166.42	48422 49167.12	29096. 295.44	48422- 49167.12
-	-	0.12	5159.02	619.08	0.12	619.08
-	-	0.12	5767.45	692.09	0.12	692.09
-	-					
-	-	1	2202026	2202026.00	1	2202026.00
-	-	1	214894	214894.00	1	214894.00
-	-	1	175523	175523.00	1	175523.00
-	-	33	204.12	6735.96	33	6735.96
-	-	8.19	5256.36	43049.59	8.19	43049.59
-	-	18.7	4521.96	84560.65	18.7	84560.65
-	-	20.93	5405.4	113135.02	20.93	113135.02
-	-	35.4	104.76	3708.50	35.4	3708.50
-	-	77.65	137.16	10650.47	77.65	10650.47

15	KSRB 4.2.2 : Providing and laying in position **reinforced cement concrete of Design mix M20** with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works **in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc.,** including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 **Page No. 12, Item No. 4.11, PWD SR 2016-17**	Cum
16	KSRB 4.9.2 : Providing **T.M.T steel reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - **TMT bars Fe 500 Page No. 17 / Item No. 4.46.2, PWD SR 2016-17**	Tonne
17	KSRB 4-6.4 : Providing and removing **centering, shuttering, strutting, propping** etc., and removal of form work for **vertical surface such as walls at any thickness**, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **Page No. 15 / Item No. 4.31 PWD SR 2016-17**	Sqm
18	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 **Page No. 25 / Item No. 5.26.2, PWD SR 2016-17**	Sqm
19	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint. **Page No. 262 / Item No. 37.4, PWD SR 2016-17**	Sqm
20	PROVIDING **TRAPEZOIDAL PROFILED SHEET** Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses. **Page No. 300, Item No. 38.30, PWD SR 2016-17**	Cum
21	KSRB15-3.12 :Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **Page No. 114, Item No. 15.21 of PWD SR 2016-17 (Inside Plastering)**	Sqm
22	KSRB15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. **Page No. 115, Item No. 15.33, PWD SR 2016-17**	Sqm
23	KSRB15-3.9 :Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **Page No. 114 / Item No. 15.17, PWD SR 2016-17 (Outside Wall)**	Sqm
24	KSRB 15-14.1 : Providing and **applying two coats with oil bound washable distemper** of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. **Page No. 117 / Item No. 15.49.1, PWD SR 2016-17**	Sqm
25	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. **Page No. 117 / Item No. 15.53.2, SR 2016-17.**	Sqm

-	-	12.86	6491.88	83485.58	12.86	83485.58
-	-	1.06	65455.56	69382.89	1.06	69382.89
-	-	75.75	316.44	23970.33	75.75	23970.33
-	-	44.37	979.56	43463.08	44.37	43463.08
-	-	31.5	349.92	11022.48	31.5	11022.48
-	-	27.56	831.6	22918.90	27.56	22918.90
-	-	53.01	224.64	11908.17	53.01	11908.17
-	-	53.01	27	1431.27	53.01	1431.27
-	-	71.69	213.84	15330.19	71.69	15330.19
-	-	106.02	76.68	8129.61	106.02	8129.61
-	-	71.69	90.72	6503.72	71.69	6503.72

26	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. (**Page No. 120 Item No. 15.74 of SR 2016-17**).	Sqm
27	Providing and fixing Special make glazed Vitrified tiles (Granomite finish) of approved make, quality and colour of size 600x600x10mm thick fixed on existing flooring with a special roffe adhesive for flooring and skirting etc., complete including providing spears at required interval and removing stains etc., complete. **(P.No. 107, I.No. 14.43 of SR 2016-17).**	Sqm
28	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. **P.No. 109, I.No.** 14.62 of PWD SR 2016-17	Sqm
29	KSRB 7.7 : Providing and fixing in position in cement concrete 1:3:6 **steel glazed windows and ventilators** side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm. weighing 2.28Kg/m duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12.1 / 7.12.2 / 7.12.3 / 7.12 **Page No. 31, Item No. 707** PWD SR 2016-17	Sqm
30	KSRB 7.5 : Providing and fixing **pull and push** type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications. **Shutter size 3mx2.8 m**. Specification No. KBS 7.10 / 7.12. **(P.No. 31, I.No. 7.5 of CSR 2016-17)**	Sqm
31	KSRB 7.15 : Providing, fabricating, assembling and fixing in **position aluminium partitions using aluminium sections** of mat finish or glassy finish in combination of plain grove, single grove and double grove as per requirements for the frames of overall size 63.5mm x 38.1mm. with thickness of 2mm. having section weight, plain sections 1.054kg/m, single grove thickness 1.95mm. section weight 1.094kg/m, double grove thickness 1.9mm section weight 1.094kg/m and bottom member 114.3 mm. x 44.45mm. thickness 3.18mm. weight 2.646 kg/m; aluminium louvres section of size 36.5mmx34.93mm 1.45mm. thick section weight 0.429kg/m; bottom portions provided with 12mm. thick prelaminated sheet both sides of approved colour lamination exterior grade upto 0.9m height, spacing of vertical member not exceeding 0.6 m. c to c; sections are cut to the required lengths, joints mitered and corners grinded subdividing frames tennoned and rivetted to the frames; the assembled frame stiffened with corner angles, stripped and fixed with screws, rawl plugs and teak wood gutties to R.C.C.columns on sides, R.C.C. lintels or beams at top and floor at bottom, including cutting chistelling and making good with cement mortar to match the surface; providing and fixing 5.5mm. thick plain glass for middle portion viz., 0.9m. to 2.13 m. and top	Sqm
33	Providing reverse osmosis system to cover 2000 litres of high TDS water per hour	Nos
	HIGH PRESSURE PUMP:	
34	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x200x400 mm and finished with CM 1:3 plastering and finishing cutting etc., complete. Page No. 25 / Item No. 5.29.1)	Nos
35	Providing and applying ready mix priming coat over concrete / masonry, / asbestos cement sheet / plastered surfaces includding preparing the surface after thorougly cleaning of oil, grease, dirt and other foreign matter and sand papering including cost of materials, labour compelte as per specifications. Page No. 122 / Item No. 15.80)	Sqm

-	-	29.43	88.56	2606.32	29.43	2606.32
-	-	24.22	1286.2	31151.76	24.22	31151.76
-	-	4.8	1171.8	5624.64	4.8	5624.64
-	-	2.16	3812.4	8234.78	2.16	8234.78
-	-	6.3	3090.96	19473.05	6.3	19473.05
-	-	35.03 ~~35.04~~	3492.72	122350 - ~~122384.91~~	35.03. ~~35.04~~	122350 - ~~122384.91~~
-	-					
-	-	1	946000	946000.00	1	946000.00
-	-	98 - ~~100~~	393.12	38526 - ~~39312.00~~	98 - ~~100~~	38526 - ~~39312.00~~
-	-	223	28.08	6261.84	223	6261.84

36	Providing and applying spray painting in two coats (excluding priming coat) over ocncrete / masonry, / asbestos cement sheet / plastered surfaces includding preparing the surface after thorougly cleaning of oil, grease, dirt and other foreign matter and sand papering including cost of materials, labour compelte as per specifications. Page No. 121 / Item No. 15.81)	Sqm
37	KSRB 14.6.1: Providing and laying heavy cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 Kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3tons compaction force therby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, inlcuding cost of materials, labour and HOM of machineries complete as per specifications.,Pg No.101, Item No.101)	Sqm
	Total	
	Add 10% K.R.I.D.L Charges	
	Add 1% Labour Cess Charges	
	Total	

CRTIFICATE:

1. Certified that the above work done satisfactory and no materials issued from Department

AE(Hqt)

-	-	223	71.28	15895.44	223	15895.44
-	-	78 - 80	966.72	75404 - 77337.60	78 - 80	75404 - 77337.60
				4476590.06	4473090 -	4476590.06
				447659.01	447309 -	447659.01
				44765.90	44731 -	44765.90
				4969014.96		4969014.96

Rs. 49,65,130/-

Assistant Executive Engineer
Kodigehalli Sub Division
Bangalore